

FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Date of Report: January 25, 1996  
Date Received: January 18, 1996  
Project: Metro Self Monitor, PO #M71392  
Date Samples Extracted: January 19, 1996  
Date Extracts Analyzed: January 22, 1996

**RESULTS FROM THE ANALYSIS OF THE WATER SAMPLE  
FOR CHROMIUM, COPPER, NICKEL, AND ZINC  
BY ICP METHOD 6010**

**Samples Processed Using Method 3005**  
Results Reported as mg/L (ppm)

<u>Sample ID</u>	<u>Chromium</u>	<u>Copper</u>	<u>Nickel</u>	<u>Zinc</u>
M71392	0.81	0.86	0.65	0.06
Method Blank	<0.05	<0.05	<0.05	<0.05

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**QUALITY ASSURANCE RESULTS  
FOR CHROMIUM, COPPER, NICKEL, AND ZINC  
Samples Processed Using Method 3005**

Laboratory Code: KJ66087DU

Analyte:	Reporting Units	Sample Result	Duplicate Result	Relative Percent Difference	Acceptance Criteria
Chromium	mg/L (ppm)	0.81	0.95	16	0-20
Copper	mg/L (ppm)	0.86	1.0	15	0-20
Nickel	mg/L (ppm)	0.65	0.78	18	0-20
Zinc	mg/L (ppm)	0.06	0.07	15	0-20

Laboratory Code: KJ66087MS/MSD

Analyte:	Reporting Units	Spike Level	Sample Result	% Recovery MS MSD		Acceptance Criteria	Relative Percent Difference
Chromium	mg/L (ppm)	5	0.81	102	101	80-120	1
Copper	mg/L (ppm)	5	0.86	104	106	80-120	2
Nickel	mg/L (ppm)	10	0.65	101	100	80-120	1
Zinc	mg/L (ppm)	5	0.06	100	101	80-120	1

Laboratory Code: Spike Blank

Analyte:	Reporting Units	Spike Level	% Recovery MS	Acceptance Criteria
Chromium	mg/L (ppm)	5	102	80-120
Copper	mg/L (ppm)	5	99	80-120
Nickel	mg/L (ppm)	10	104	80-120
Zinc	mg/L (ppm)	5	105	80-120

KNS AI  
1-18-96  
1135

*Send Report To:*

SITE NO.

PROJECT NAME

PURCHASE ORDER #

SAMPLERS (signature)

### PROJECT LOCATION

REMARKS

### SAMPLE DISPOSAL INFORMATION

☐ Dispose after 30 days  
☒ Return Samples  
☐ Call for Instructions

SIGNATURE	PRINT NAME	COMPANY	Date	Time
Relinquished by: <i>Sandra King</i>	Sandra King	A.C.W.	1/18/96	12:39PM
Received by: <i>Scott Chan</i>	S. Chan	F+B, Inc	1/18/96	12:40P
Relinquished by:				
Received by:				

**FRIEDMAN & BRUYA, INC.**

**ENVIRONMENTAL CHEMISTS**

Andrew John Friedman  
James E. Bruya, Ph.D.  
(206) 285-8282

3012 16th Avenue West  
Seattle, WA 98119-2029  
FAX: (206) 283-5044

January 25, 1996

**INVOICE # 96ACU0125-1  
DUPLICATE COPY**

Accounts Payable  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

RE: Project Metro Self Monitor, PO #M71392: Results of testing requested by  
Gerry Thompson, Project Manager for material submitted on January 18,  
1996.

1 water sample analyzed for  
Chromium, Copper, Nickel, and Zinc  
using Method 6010 @ \$65 per sample

\$ 65.00

Amount Due .....

\$ 65.00



FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman  
James E. Bruya, Ph.D.  
(206) 285-8282

3012 16th Avenue West  
Seattle, WA 98119-2029  
FAX: (206) 283-5044

January 25, 1996

Gerry Thompson, Project Manager  
Alaskan Copper Works  
628 South Hanford  
Seattle, WA 98134

Dear Mr. Thompson:

Enclosed are the results from the testing of material submitted on January 18, 1996 from your Metro Self Monitor, PO #M71392 project.

We appreciate this opportunity to be of service to you and hope you will call if you should have any questions.

Sincerely,

FRIEDMAN & BRUYA, INC.



Kurt Johnson  
Chemist

keh  
Enclosures  
FAX: 382-7335  
ACU0125R.DOC